

Date: Sun, 3 Oct 93 15:02:16 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1175  
To: Info-Hams

Info-Hams Digest                      Sun, 3 Oct 93                      Volume 93 : Issue 1175

Today's Topics:

ARRL/VEC holding my 610  
Batteries for HTX202  
first sos in history  
HDN Releases  
humorous R.S. anecdote  
Low angle radiation  
Memphis Hamfest & Delta Division Convention  
More on Motorola ad...  
Motorola ad in QST?  
New Products Announcement: BFH-1 & BFH-2  
Power Supplies  
RG-8/M questions?  
TNC's / IBM PC Jr  
Where is Swedish Morse code program?  
where is traksat?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 3 Oct 93 12:28:17 EST  
From: paris.ics.uci.edu!csulb.edu!library.ucla.edu!agate!howland.reston.ans.net!  
math.ohio-state.edu!pacific.mps.ohio-state.edu!ohstpy.mps.ohio-state.edu!miavx1!  
miavx3.mid.@news.service.uci.edu  
Subject: ARRL/VEC holding my 610  
To: info-hams@ucsd.edu

In article <19930ct1.145115.15053@newsgate.sps.mot.com>, markm@bigfoot.sps.mot.com

(Mark Monninger) writes:

```
> In article <1993Oct1.010316.10507@pixar.com> bruce@pixar.com (Bruce Perens)
> writes:
>> ...
>> This is in regard to my application to upgrade to Extra, which I filed about
>> two weeks after I filed an application to upgrade to Advanced. I checked the
>> box that said I had an application pending with the FCC, and ARRL apparently
>> caught that and decided that they would hold the 610 until the Advanced
>> upgrade came through, rather than have FCC hold it and perhaps drop it
> through
>> a crack in the floor. I guess I can't fault them for zeal, they would not be
>> doing this unless something had gone wrong in the past.
>> ...
>
> The FCC requires them to do this. The FCC will not accept more than one
> application for an individual at a time.
>
> Of course, I've often wondered what would happen if someone didn't check the
> box but had another 610 pending.
>
> Congrats in the upgrade.
>
> 73...    Mark    AA7TA
```

The VEC will not forward a 610 until a photocopy of the most recent license is attached. Checking the box really has no effect on how the 610 is to be handled.

Use an old license? My guess is the VEC is smart enough to catch it, hold the 610, and ask you for a copy of your upgraded ticket.

73 >< Carl  
K8NHE

-----  
Date: 3 Oct 93 14:52:47 GMT  
From: ogicse!uwm.edu!caen!nic.umass.edu!noc.near.net!news.delphi.com!  
chdaley@network.ucsd.edu  
Subject: Batteries for HTX202  
To: info-hams@ucsd.edu

```
>In article <h1b.749431658@loral> h1b@li.loral.com (h1b) writes:
>>
>>Are there battery packs available that allow the Radio Shack HTX202
>>transmit at full 5W of power? Or must it have 12V, such as from a car
>>or wall xformer, to operate at 5W?
>
```

stuff deleted

What I have found to be the best cost/performance combination is the DELCOM battery pack shell that will allow the insertion of 8 AA cells. If you use regular alkaline cells this will give you 12 volts, though the experiences of other people have made me stay away from this approach. When I got mine it came with 8 600 mah nicads for a voltage level of 9.6 volts. I haven't measured this with external equipment, but the transmitter scale indicates that is transmitting at full power.

The reason I say cost/performance is because the the shell with nicads only cost \$22 when I bought mine and the last hamfest I went to they were selling for between \$25 and \$27.

Just my \$0.02.

```
*****
* Chuck Daley      Internet CHDALEY@delphi.com *
* KD4LXQ           Compuserve 73457,3114      *
*****
```

-----

Date: Sun, 3 Oct 1993 07:27:28 +0000  
From: agate!howland.reston.ans.net!newsserver.jvnc.net!udel!news!demon!  
llondel.demon.co.uk!dave@ames.arpa  
Subject: first sos in history  
To: info-hams@ucsd.edu

In article <aa1\_9310020805@yyz.mbsun.mlb.org> mbsun.mlb.org!yyz!115-119!  
David.Hough (David Hough) writes:  
>From: mbsun.mlb.org!yyz!115-119!David.Hough (David Hough)  
>Date: Thu, 30 Sep 93 18:49:39 EDT  
>Newsgroups: rec.radio.amateur.misc  
>Subject: first sos in history  
>Message-ID: <aa1\_9310020805@yyz.mbsun.mlb.org>  
>Path: demon!uknet!pipex!howland.reston.ans.net!spool.mu.edu!nigel.msen.com!  
heifetz!mbsun.mlb.org!yyz!Gigo  
>X-Sender: Gigo 0.20 (Sep 23 1993)  
>X-FTN-To: All  
>Organization: AAZtech FTN Gateway Service:The Chicago Internet Gateway  
[CHIGATE.MCS.COM] (1:115/119.0)  
>Lines: 28  
>  
[Repeat deleted]  
>  
>---  
> \* Origin: The Chicago Internet Gateway [CHIGATE.MCS.COM] (1:115/119.0)

>SEEN-BY: 115/747 2200/3 2112  
>@PATH: 115/999 119 747 2200/2112  
>5/999 119 747 2200/2112

>  
>

Looks like someone has severe finger trouble..... I most certainly did not originate any thing via the above gateway. Based on a number of posts in this group, the Chicago gateway needs to get its act together and stop regurgitating news items with inaccurate headers.

Dave

--

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4wrw@g4wrw.ampr.org Amprnet * (the king to the white rabbit) *
*****
```

-----

Date: Sat, 02 Oct 1993 20:13:08  
From: sdd.hp.com!cs.utexas.edu!uwm.edu!spool.mu.edu!bloom-beacon.mit.edu!  
news.kei.com!news.oc.com!utacfd.uta.edu!rwsys!ocitor!FredGate@network.ucsd.edu  
Subject: HDN Releases  
To: info-hams@ucsd.edu

The following files were processed Saturday 10-02-93 at 1:124/7009:

HAMNEWS [ HAM: Bulletins and Newsletters ]

```
-----
ARLB100.LZH ( 238 bytes) ARRL Bulletin 09/29/93
ARLD051.LZH ( 345 bytes) ARRL DX Bulletin 09/27/93
OPDX129.LZH ( 2610 bytes) Ohio-Pa Packet Cluster DX Bulletin
                        09/27/93
RACES291.LZH ( 1399 bytes) RACES Bulletin # 291 09/13/93
RACES292.LZH ( 1316 bytes) RACES Bulletin # 292 09/20/93
RACES293.LZH ( 1076 bytes) RACES Bulletin # 293 09/27/93
RTDX0924.LZH ( 2136 bytes) RTTY DX Bulletin 09/24/93
-----
```

9120 bytes in 7 file(s)

HAMSAT [ HAM: Satellite tracking and finding programs ]

```
-----
AMSAT268.LZH ( 6681 bytes) AMSAT Bulletin # 268 09/25/93
```

-----  
6681 bytes in 1 file(s)

HAMSWL [ HAM: Shortwave broadcast schedule distribution ]  
-----

RNZI.LZH ( 279 bytes) RNZI SWBC Sked Effective 10/02/93  
to 03/19/94  
ROYALFAX.LZH ( 561 bytes) Royal Navy FAX Transmissions,  
Northwood, England Eff. 09/04/93  
R\_AUSTRI.LZH ( 361 bytes) Radio Austria SWBC Sked Effective  
09/26/93 to 03/27/94  
-----

1201 bytes in 3 file(s)

Total of 17002 bytes in 11 file(s)

Files are available via Anonymous-FTP from ftp.ieee.org

Directories are:

pub/fidonet/ham/hamnews (Bulletins)  
/hamant (Antennas)  
/hamsat (Sat. prg/Amsat Bulletins)  
/hampack (Packet)  
/hamelec (Formulas)  
/hamtrain (Training Material)  
/hamlog (Logging Programs)  
/hamcomm (APLink/JvFax/Rtty/etc)  
/hammods (Equip modification)  
/hamswl (SWBC Skeds/Frequencies)  
/hamscan (Scanner Frequencies)  
/hamutil (Operating aids/utills)  
/hamsrc (Source code to programs)  
/hamdemo (Demos of new ham software)  
/hamnos (TCP/IP and NOS related software)

lee - wa5eha

Ham Distribution Net

\* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

-----  
Date: Fri, 1 Oct 1993 13:55:54 GMT

From: elroy.jpl.nasa.gov!usc!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!mksol!  
mmrsrv!craigs@ames.arpa



The 34th Annual Greater Memphis Hamfest and Delta Division Convention will be held October 9th and 10th.

New Location: Shelby Show Place Arena  
105 Germantown Road South  
(901)756-7433

Hours: Saturday 9:00 am - 4:00 pm  
Sunday 9:00 am - 2:00 pm

Admission: \$5.00 per person (under 12 people)

Talk-in: Live 146.28/88 444.00/449.00 1272.00/1292.00  
Automated 146.22/82 224.42/222.82

Special Guest: George Wilson, W40YI; Dave Sumner K1ZZ; Larry Price W4RA;  
Joel Harrison, WB5IGF; Jay Maybe. NU0X

Forums: ARRL, MARS, ARES, RACES, VHF/UHF, YLRL, Antennas, Direction  
Finding, Packet and more.

Prizes: Among other prizes a Icom Dual Band Handheld will be given away  
every hour on the hour.

Hope to see you all in Memphis. If you need more info send me a msg.

Suresh N9GSA

----- Suresh Kagoo EE Dept , Memphis State University  
| \ / | / \_\_\_\_ \ | | | Engineering 211 | Domain: KAGOOS@MEMSTVX1.MEMST.EDU  
| \ / | \ \_\_\_\_ \ | | | Memphis, TN 38152 | AMPR : n9gsa@gate.n9gsa.ampr.org  
|\_| \ / | \ \_\_\_\_ / \ \_\_\_\_ / Ph: (901) 678-3867 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

-----  
Date: Fri, 1 Oct 1993 19:04:13 GMT  
From: agate!usenet.ins.cwru.edu!gatech!swrinde!cs.utexas.edu!utnut!torn!  
newshost.uwo.ca!uwovax.uwo.ca!ppddgc@ames.arpa  
Subject: More on Motorola ad...  
To: info-hams@ucsd.edu

Since my earlier posting, I received my APCO journal (geared to Public Safety  
Communications Officers) and it carried the identical ad. Seems that Motorola  
is running it in other trade publications. It's funny they aren't more  
specific.

Oh well, at least they aren't just advertising to the ham community.

Dave Colvin VE3ZDC  
Systems and Communications Officer  
Physical Plant Department  
University of Western Ontario

-----  
Date: 1 Oct 1993 14:58:01 -0400  
From: panix!not-for-mail@nyu.arpa  
Subject: Motorola ad in QST?  
To: info-hams@ucsd.edu

excuse the ignorance here, but since I don't get QST (and the library I  
could check is closed until Monday) could someone please post or email a  
summary of what the ad said?

thanks  
dannyb@panix.com

kb2ddy

--  
-----  
dannyb@panix.com adds: all the usual disclaimers regarding liability,  
intelligence, accuracy apply. spelling disclaimer is doubled.  
and...  
while science is pretty sure that the sun will rise in the east tomorrow,  
we're not quite so sure it'll be shining....

-----  
Date: Sat, 2 Oct 1993 18:54:16 EST  
From: paperboy.ids.net!anomaly.sbs.com!kd1nr!system@uunet.uu.net  
Subject: New Products Announcement: BFH-1 & BFH-2  
To: info-hams@ucsd.edu

ag821@yfn.ysu.edu (Jeff Gold) writes:

>  
> In a previous article, sales@guinea.com (GuineaCrafters, Inc., Corporate Sale  
> s) says:  
>  
> I was under the understanding that the Internet was not to be used  
> for promoting commercial products..guess I was wrong.  
>  
>



>  
>  
>

>>GuineaCrafters is pleased to announce the availability of two new  
>>products which will be of invaluable use to the amateur community:  
>>  
>>                    BFH-1                    &                    BFH-2  
>>

Actually, what people do with the Internet is their own prerogative.  
However, I noticed you didn't see the joke for what it was. Ask anyone  
who's ever been in the military, any of the branches, what a BFH is :)

Tony

```
-----
      o      o  Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE
      \      /  system @ hades.cdp.org                      Soon W5YI VE
      \____/
      (oo)  Cow humor. Sort of like the Far Side.
  /|  ____  \
 / | {MTV} ||  MoooTV - Rockin' Bumpin' and Funkin' into the 90's
* || {____} ||
  ||-----||  (And people thought my last .sig was long, ha!)
  ^^      ^^
-----
```

-----  
Date: Fri, 01 Oct 93 15:06:01 GMT  
From: netcon!bongo!skyld!jangus@locus.ucla.edu  
Subject: Power Supplies  
To: info-hams@ucsd.edu

In article <CE5Krx.BzA@mailier.cc.fsu.edu> bischoff@freenet.scri.fsu.edu writes:

> I will be in the market soon for a 30 amp (continous) power  
> supply. The major suppliers seem to be Astron, TrippLite and  
> Daiwa. Astron certainly seems to be sold on a wider retail basis  
> but I wonder if it is actually better than the others or if  
> the dealers simply have a better profit margin with it.

Go with the Astron. If you REALLY need the 35 amps continous, you'll  
need the 50 amp supply. I was the service manager at Diawa for over  
a year and although some of the features were nice, other t hings just  
weren't thought out too well at all. For example, on the 30 amp supplies  
after convincing Japan to add some over-voltage protection, the "fix"  
was to short the 120 VAC input with a relay triggered by an SCR and

zener across the output line. Nice effect, voltage rises over 18 volts  
relay clicks in, trace leading to relay vaporizes followed closely by  
\$2000 radio connected to supply.

Me? I run Astron supplies on all my gear. (3 ea 20A 2 ea 35A and 1 50A).  
Besides, they're based in Tustin California.

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA		"It is difficult to imagine our
Internet: jangus@skylld.tele.com		universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749		potent god. I see it more as a
Phone: 1 (310) 324-6080		badly run corporation."

-----  
Date: Sun, 3 Oct 1993 05:44:13 GMT  
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!newsserver.jvnc.net!  
yale.edu!cs.yale.edu!wsub.ctstateu.edu!ritterbus001@network.ucsd.edu  
Subject: RG-8/M questions?  
To: info-hams@ucsd.edu

I noticed that Radio Shack has coax cable designated RG-8/M (listed between  
RG-8 and RG-58). It's significantly smaller at 0.242 in. than RG-8 (0.405),  
but has about 20% less attenuation than RG-58, at least at the 100 and 400  
MHz frequencies quoted. It's also less than half as expensive as RG-8.

It seems like an ideal compromise between RG-8 and RG-58 for the VHF bands.  
However, I can't find a mention of this in the ARRL Antenna Book, nor  
the ARRL Handbook. Does anybody have the exact attenuation factor, in  
dB per 100 ft.? Does anybody have any real experience with this stuff?  
Good, bad or indifferent?

I also just noticed that its velocity factor is 78% as opposed to the  
66% for both RG-8 and RG-58. Is this meaningful on 2m transmission?

Jim Ritterbusch  
ritterbus001@wscu.ctstateu.edu - or - ne22@radiomail.net (wireless)  
One if by LAN, two if by C, three if by C++

-----  
Date: Sun, 3 Oct 1993 02:46:50 GMT  
From: caen!usenet.cis.ufl.edu!usenet.ufl.edu!mailer.cc.fsu.edu!

freenet.scri.fsu.edu!twright@uunet.uu.net  
Subject: TNC's / IBM PC Jr  
To: info-hams@ucsd.edu

I need to know if a TNC Program will run in a IBM PC Jr with a 8088  
processor. Also if a VGA monitor can be used on it instead of a CGA  
if a board or what ever is changed.

Thanks and 73's

Tim Wright KD40VM

T.Wright@msuacad.morehead-st.edu  
twright@freenet.fsu.edu  
ar098@yfn.ysu.edu

KD40VM@N0ARY.#NOCAL.CA.USA.NA

--

-----  
Date: Fri, 1 Oct 1993 19:59:13 GMT  
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!  
willis1.cis.uab.edu!beagley.dom.uab.edu!user@network.ucsd.edu  
Subject: Where is Swedish Morse code program?  
To: info-hams@ucsd.edu

A few months ago I had the pleasure of finding a note about a  
morse code program available over internet for learning  
morse code. It was a nice straightforward program written  
by someone in sweden, as I recall, but may have been another  
nearby country.

Does anyone remember the internet address of the file server?

thanks,  
Steve Holland

-----  
Date: 3 Oct 93 12:42:41 GMT  
From: ogicse!uwm.edu!spool.mu.edu!olivea!grapevine.lcs.mit.edu!lynx!  
sehrlich@network.ucsd.edu  
Subject: where is traksat?  
To: info-hams@ucsd.edu

As the subject asks, where can I find a copy of traksat?

Thanks much.

```
=====
| Scott Ehrlich           Internet: acm_se@neu.edu           |
| Amateur Radio: wylz      AX.25: wylz@wg1i.#ema.ma.usa.na    |
|-----|
|           Know your weaknesses, show your strengths - Anonymous           |
=====
```

--

```
=====
| Scott Ehrlich           Internet: acm_se@neu.edu           |
| Amateur Radio: wylz      AX.25: wylz@k1cf.#ema.ma.usa.na    |
|-----|
```

-----  
Date: Sun, 3 Oct 1993 11:34:53 GMT  
From: psinntp!uuneo!sugar!jreese@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Sep30.192145.9801@mulvey.com>, <2119@bridge2.NSD.3Com.COM>,  
<28kjqk\$sjd@hp-col.col.hp.com>e  
Subject : Re: Motorola ad in QST?

In article <28kjqk\$sjd@hp-col.col.hp.com> bobw@col.hp.com (Bob Witte) writes:

> Well, I would guess that its got to relate to a portion of Mot's business  
> that is serious bucks, like cellular radio. I doubt that they are concerned  
> that people modify commercial gear for use on the ham bands, for example.  
> (How much revenue would that cost Mot? Zip.)

On the other hand, Motorola is known for selling a company a set of two-way  
radios, then taking that company's old radios and CRUSHING them so they don't  
get sold on the surplus market.

A local petrochemical company had Motorola's guys ACCOUNT for all their old  
radios to make sure they were destroyed. Several hundred of them...

It's the stupidest thing I've ever seen...

--

Jim Reese, WD5IYT | "I can do more in two minutes than Rush can in  
jreese@sugar.neosoft.com | three hours" --Jim Hightower

-----  
Date: Sat, 2 Oct 1993 18:49:02 EST  
From: paperboy.ids.net!anomaly.sbs.com!kd1nr!system@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Sep28.223619.5788@news.nd.edu>, <CE3706.HnG@fc.hp.com>,  
<1993Sep29.134248.4204@cs.brown.edu>  
Subject : Re: 6 weeks 1 day!

md@pstc3.pstc.brown.edu (Michael P. Deignan) writes:

> In article <CE3706.HnG@fc.hp.com>, jws@fc.hp.com (John Schmidt) writes:  
>  
> |> I doubt the VEC's are selling names/addresses. The info is free from the F  
> CC.  
> |> Why would HRO and others pay for what they can get for nothing?  
>  
> First off, if its "free", then how come it costs \$600+ for the hamserver  
> project to get a tape with the data each year? No, its not "free" at  
> all.  
>  
> I base my statements upon my own personal experience. When I upgraded  
> from technician to advanced, three weeks after I upgraded I received a  
> catalog from AES along with a "Congratulations on your upgrade!"  
> letter. Since my new license didn't arrive from the FCC for another 4 weeks,  
> and was dated three weeks after I had received my AES catalog, \*SOMEONE\* in  
> the chain had to sell my name. Since it wasn't the FCC, and I doubt that the  
> local VE did, then that only leaves one other intermediary.....

Ummm.. hate to dispute this one but I used to believe the same was true.  
It's not. When I changed my address from home to the P.O. box I did  
nothing but send a 610 to the FCC, the VEC's were NOT involved. In fact,  
as far as the VEC's are concerned the address change is still pretty  
transparent.

So this means it's the FCC who's either a) giving info away or b) (and  
more likely) selling it.

How do I know? I got a Kenwood brochure for their TS-950 and TS-50  
radios addressed to the P.O. box. Interesting huh??

Tony

-----  
o            o    Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE  
  \        /    system @ hades.cdp.org                      Soon W5YI VE  
  \\_\_/\_/

```

      -----(oo)   Cow humor. Sort of like the Far Side.
    /|  _ _ _ _ \|
  / | {MTV}||      MooTV - Rockin' Bumpin' and Funkin' into the 90's
*  ||{__}||
    ||-----||    (And people thought my last .sig was long, ha!)
    ^^      ^^
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End of Info-Hams Digest V93 #1175  
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